

Ottawa County Road Commission

14110 Lakeshore Drive
P.O. Box 739
GRAND HAVEN, MI 49417
Phone (616) 842-5400 Fax (616) 850-7237

December 7, 2016

Mr. Rich Uslan
5643 22nd Avenue
Hudsonville, MI 49426

Dear Mr. Uslan:

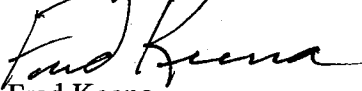
Thank you for contacting the Ottawa County Road Commission regarding your concerns with the speed limit on 22nd Avenue between Edson Drive and Van Buren Street. The posted 45 mph speed limit was established during 2011 following an engineering study and review by a traffic safety team of the Michigan Department of State Police, the Ottawa County Road Commission and Georgetown Township.

The study process included sampling of vehicular speeds, documenting roadway characteristics including geometry and a historical review of vehicular crashes. The study team also drove the route making note of any special or unique features which could influence motorist compliance and behavior. After considering all relevant factors the study team concluded a 45 mph speed limit was reasonable and safe. An important concept used in the decision making process was Michigan's basic speed law which requires motorists to operate their vehicles at a safe speed consistent with roadway conditions.

A radar speed survey was conducted December 6, 2016 on the segment of 22nd Avenue between Edson Drive and Van Buren Street. The speed survey results indicate an 85th percentile speed of 43.9 mph which is lower than the 85th percentile speed of 47.1 mph recorded in 2009 but still consistent with the posted 45 mph speed limit. A review of 2015 crash records (most recent year for crash information from the state police) for the study segment did not indicate any reported crashes.

Based on the 85th percentile speed and crash history review, lowering the 45 mph speed limit is not warranted at this time. I have enclosed a copy of the speed survey as well as information concerning the establishment of speed limits which should be of interest. If you have any questions or comments regarding the review process or findings, please contact me at 850-7220.

Sincerely,


Fred Keena
Traffic Engineer

Enclosures

Cc: Mr. Dan Carlton, Georgetown Township Manager

OTTAWA COUNTY ROAD COMMISSION RADAR SPEED SURVEY

STA A

TWP: Georgetown

DAY

LOC: 22nd Avenue 1,600' N of Van Buren Street

WEATH: Cloudy, 40 deg.

Tuesday

DATE: 12/06/2016

TIME: 10:10 - 11:40a

BY: Fred Keena

SPEED	N BD	S BD	TRUCKS	BUSES	FREQUENCY	PERCENT	SPEED	MPHxF
25					0	-	25	0
26					0	-	26	0
27					0	-	27	0
28					0	-	28	0
29	1	1	1		3	4.6	29	87
30					0	4.6	30	0
31	1				1	6.2	31	31
32	4				4	12.3	32	128
33	1	1			2	15.4	33	66
34		2			2	18.5	34	68
35	2	3	1		6	27.7	35	210
36		1			1	29.2	36	36
37	3	2			5	36.9	37	185
38	2	1			3	41.5	38	114
39	4	6			10	56.9	39	390
40	4	2			6	66.2	40	240
41	1				1	67.7	41	41
42	1	2			3	72.3	42	126
43	2	2			4	78.5	43	172
44	2	3			5	86.2	44	220
45	3	2			5	93.8	45	225
46		2			2	96.9	46	92
47					0	96.9	47	0
48					0	96.9	48	0
49					0	96.9	49	0
50					0	96.9	50	0
51	1				1	98.5	51	51
52					0	98.5	52	0
53					0	98.5	53	0
54					0	98.5	54	0
55		1			1	100.0	55	55
56					0	100.0	56	0
57					0	100.0	57	0
58					0	100.0	58	0
59					0	100.0	59	0
60					0	100.0	60	0
61					0	100.0	61	0
62					0	100.0	62	0
63					0	100.0	63	0
64					0	100.0	64	0
65					0	100.0	65	0
66					0	100.0	66	0
67					0	100.0	67	0
68					0	100.0	68	0
69					0	100.0	69	0
70					0	100.0	70	0
71					0	100.0	71	0
72					0	100.0	72	0
73					0	100.0	73	0
74					0	100.0	74	0
75					0	100.0	75	0
TOTALS	32	31	2	0	65			2537

POSTED 45 MPH
PACE =

AVG. =
36 MPH TO

39.0 MPH
46 MPH

85% =
MAX. =

43.9 MPH
55 MPH